

ABSTRACT OF THE DISCLOSURE

An image forming device and method is provided, the device including a scanner configured to scan an image pattern, and a processor. The processor is configured to color scan the image pattern in a first direction and monochrome scan the image pattern in a second direction different from the first direction. The processor calculates a color gamma correction pattern based on the color scan of the image pattern, and calculates a monochrome gamma correction pattern based on the monochrome scan of the image pattern. The processor adjusts the scanner based on the calculated color and monochrome gamma correction patterns for the image pattern.